

DERWENT-ACC-NO: 2002-071691

DERWENT-WEEK: 200210

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TITLE: Video synthesis  
device generates background by removing  
foreground object  
using generated keying signal

INVENTOR: TOYAMA, N; YAMADA, Y

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Y[YAMAI]

PRIORITY-DATA: 2000JP-0134579 (May 8, 2000)

PATENT-FAMILY:

PUB-NO	LANGUAGE	PUB-DATE	PAGES	MAIN-IPC
JP 2001320729 A	N/A	November 16, 2001	016	H04N
009/75				
US 20020012072 A1	N/A	January 31, 2002	000	H04N
009/74				

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR
APPL-NO	APPL-DATE

JP2001320729A                      N/A  
2000JP-0134579                      May 8, 2000

US20020012072A1                      N/A  
2001US-0850975                      May 8, 2001

INT-CL (IPC):    H04N009/74,    H04N009/75

ABSTRACTED-PUB-NO: JP2001320729A

BASIC-ABSTRACT:

NOVELTY - Area over which foreground object is distributed in 3D-space, is surrounded by a smaller and larger elliptical areas concentrically. A signal generator generates a keying signal based on a position relationship of a source video signal and the elliptical areas. A processor synthesizes background by removing the foreground object using the keying signal.

USE - Video synthesis device.

ADVANTAGE - Degradation of image quality is reduced and noise in the screen component is removed reliably.

DESCRIPTION OF DRAWING(S) - The figure shows the input-output relation of three function clips. (Drawing includes non-English language text).

ABSTRACTED-PUB-NO: US20020012072A

EQUIVALENT-ABSTRACTS:

NOVELTY - Area over which foreground object is distributed in 3D-space, is surrounded by a smaller and larger elliptical areas concentrically. A signal generator generates a keying signal based on a position relationship of a source video signal and the elliptical areas. A processor synthesizes background by removing the foreground object using the keying signal.

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CHOSEN-DRAWING: Dwg.2/19

TITLE-TERMS: VIDEO SYNTHESIS DEVICE  
GENERATE BACKGROUND REMOVE FOREGROUND  
OBJECT GENERATE KEY SIGNAL

DERWENT-CLASS: W04

EPI-CODES: W04-N05C5A;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers:

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